

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/824,194

Source: _____

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RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/824,194

TIME: 09:54:10

Input Set : N:\Crif3\RULE60\10824194.raw.txt

Output Set: N:\CRF4\10182004\J824194.raw

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1 <110> APPLICANT: MCLEOD, RIMA W.
2     ROBERTS, CRAIG W.
3     ROBERTS, FIONA
4     JOHNSON, JENNIFER J.
5     KIRISITS, MICHAEL
6     FERGUSON, DAVID
7     LYONS, RUSSELL
8     MUI, ERNEST
9     MACK, DOUG
10    SAMUEL, BENJAMIN
11    GORNICKI, PIOTR
12    ZUTHER, ELLEN
13 <120> TITLE OF INVENTION: ANTIMICROBIAL AGENTS, DIAGNOSTIC REAGENTS, AND VACCINES
14    BASED ON UNIQUE APICOMPLEXAN PARASITE COMPONENTS
15 <130> FILE REFERENCE: 19338-90966
16 <140> CURRENT APPLICATION NUMBER: US/10/824,194
17 <141> CURRENT FILING DATE: 2004-04-14
18 <150> PRIOR APPLICATION NUMBER: US/09/631,594
19 <151> PRIOR FILING DATE: 2000-08-03
20 <150> PRIOR APPLICATION NUMBER: PCT/US00/11478
21 <151> PRIOR FILING DATE: 2000-04-27
22 <150> PRIOR APPLICATION NUMBER: PCT/US97/12497
23 <151> PRIOR FILING DATE: 1997-07-18
24 <160> NUMBER OF SEQ ID NOS: 83
25 <170> SOFTWARE: PatentIn Ver. 2.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 72
29 <212> TYPE: PRT
30 <213> ORGANISM: Plasmodium falciparum
31 <400> SEQUENCE: 1
32     Ile Pro Val Glu Asn Met Ser Thr Lys Lys Glu Ser Asp Leu Leu Tyr
33         1             5             10             15
34     Asp Asp Lys Gly Glu Cys Lys Asn Met Ser Tyr His Ser Thr Ile Gln
35         20             25             30
36     Asn Asn Glu Asp Gln Ile Leu Asn Ser Thr Lys Gly Phe Met Pro Pro
37         35             40             45
38     Lys Asn Asp Lys Asn Phe Asn Asn Ile Asp Asp Tyr Asn Val Thr Phe
39         50             55             60
40     Asn Asn Asn Glu Glu Lys Leu Leu
41         65             70
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 45
45 <212> TYPE: PRT

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46 <213> ORGANISM: Toxoplasma gondii
47 <400> SEQUENCE: 2
48   Ser Cys Ser Phe Ser Glu Ser Ala Ala Ser Thr Ile Lys His Glu Arg
49       1           5           10           15
50   Asp Gly Cys Ser Ala Ala Thr Leu Ser Arg Glu Arg Ala Ser Asp Gly
51           20           25           30
52   Arg Thr Thr Ser Arg His Glu Glu Glu Val Glu Arg Gly
53       35           40           45
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 72
57 <212> TYPE: PRT
58 <213> ORGANISM: Zea mays
59 <400> SEQUENCE: 3
60   Met Ala Ala Leu Ala Thr Ser Gln Leu Val Ala Thr Arg Ala Gly Leu
61       1           5           10           15
62   Gly Val Pro Asp Ala Ser Thr Phe Arg Arg Gly Ala Ala Gln Gly Leu
63           20           25           30
64   Arg Gly Ala Arg Ala Ser Ala Ala Asp Thr Leu Ser Met Arg Thr
65       35           40           45
66   Ser Ala Arg Ala Ala Pro Arg His Gln Gln Gln Ala Arg Arg Gly Gly
67       50           55           60
68   Arg Phe Pro Ser Leu Val Val Cys
69       65           70
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 19
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
77 <400> SEQUENCE: 4
78   tgtccaagat gttcagcct
79                                     19
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 19
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
86 <400> SEQUENCE: 5
87   aggctgatca tcttgaca
88                                     19
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 18
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
95 <400> SEQUENCE: 6
96   tcgggtctgg ttgatttt
97                                     18
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 19

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100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
104 <400> SEQUENCE: 7
105     gagagagcgt cgtgttcat                                     19
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 19
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
113 <400> SEQUENCE: 8
114     atgaacacga cgctctctc                                     19
116 <210> SEQ ID NO: 9
117 <211> LENGTH: 18
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
122 <400> SEQUENCE: 9
123     catgtcgaga agttgttc                                     18
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 18
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
131 <400> SEQUENCE: 10
132     gaacaacttc tcgacatg                                     18
134 <210> SEQ ID NO: 11
135 <211> LENGTH: 19
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
140 <400> SEQUENCE: 11
141     acttgtgcat acggggtac                                     19
143 <210> SEQ ID NO: 12
144 <211> LENGTH: 19
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
149 <400> SEQUENCE: 12
150     gtaccccgta tgcacaagt                                     19
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 18
154 <212> TYPE: DNA

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155 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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159      tgaatgcaac tgaactgc                                18
161 <210> SEQ ID NO: 14
162 <211> LENGTH: 18
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
167 <400> SEQUENCE: 14
168      gcagttcagt tgcattca                                18
170 <210> SEQ ID NO: 15
171 <211> LENGTH: 19
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
176 <400> SEQUENCE: 15
177      agccggttggg tgtataatc                                19
179 <210> SEQ ID NO: 16
180 <211> LENGTH: 18
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
185 <400> SEQUENCE: 16
186      ctacggcacc agcttcac                                18
188 <210> SEQ ID NO: 17
189 <211> LENGTH: 20
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
194 <400> SEQUENCE: 17
195      cgtccttcct caacacagtg                                20
197 <210> SEQ ID NO: 18
198 <211> LENGTH: 18
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
203 <400> SEQUENCE: 18
204      gtgaagctgg tgccgtag                                18
206 <210> SEQ ID NO: 19
207 <211> LENGTH: 19
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence

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210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
212 <400> SEQUENCE: 19
213      cgctctgat ttggaagtg
215 <210> SEQ ID NO: 20
216 <211> LENGTH: 18
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
221 <400> SEQUENCE: 20
222      tctgccgcat tccactag
224 <210> SEQ ID NO: 21
225 <211> LENGTH: 19
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
230 <400> SEQUENCE: 21
231      gaagccaagc agttcagtt
233 <210> SEQ ID NO: 22
234 <211> LENGTH: 16
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
239 <400> SEQUENCE: 22
240      agctattggg tggatc
242 <210> SEQ ID NO: 23
243 <211> LENGTH: 18
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
248 <400> SEQUENCE: 23
249      tccatgtcct ggtctagg
251 <210> SEQ ID NO: 24
252 <211> LENGTH: 25
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
257 <400> SEQUENCE: 24
258      ataaaaacac attgactatt ccttc
260 <210> SEQ ID NO: 25
261 <211> LENGTH: 26
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/824,194

DATE: 10/18/2004
TIME: 09:54:11

Input Set : N:\Crf3\RULE60\10824194.raw.txt
Output Set: N:\CRF4\10182004\J824194.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 13

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10824194.raw.txt

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